

PUBLIC OUTREACH MEETING

MD 500 (Queens Chapel Road)

Community Safety and Enhancement

Mount Rainier Elementary School
March 18, 2015

In this Presentation...

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- Plan View
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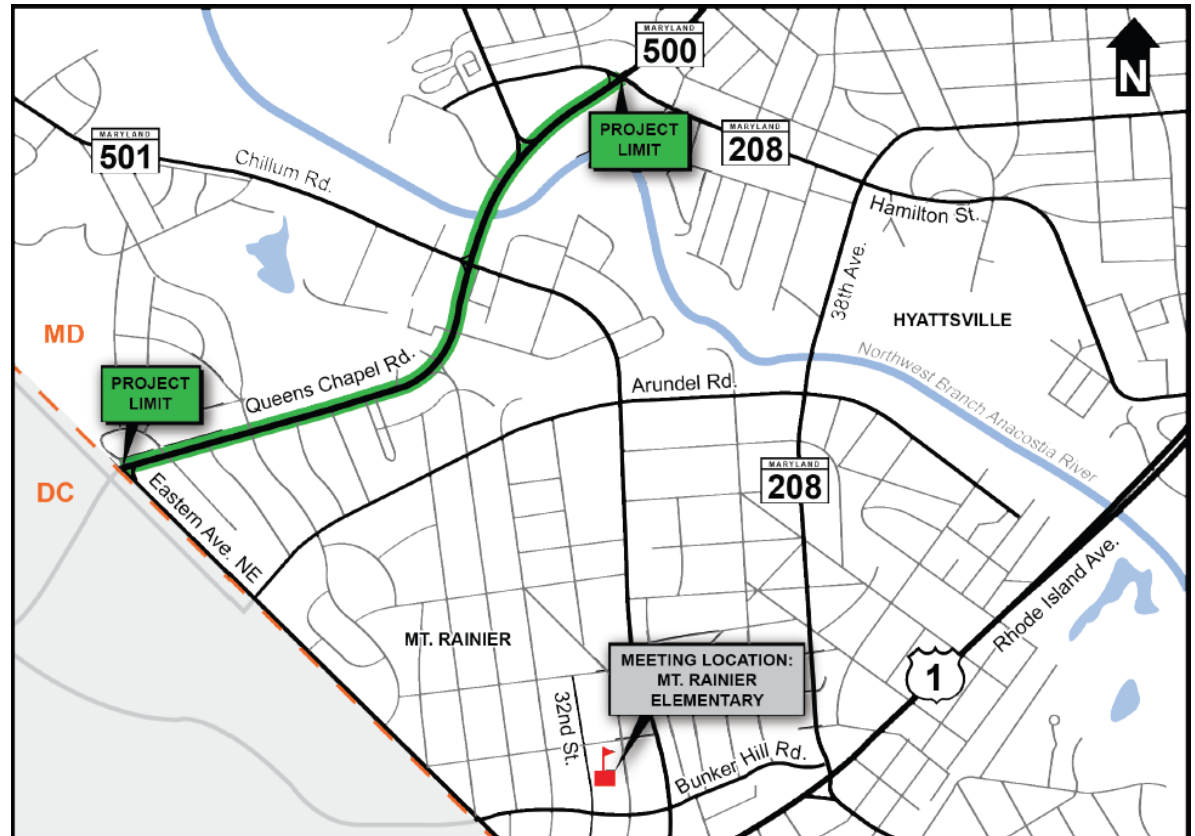


Project Background

- Recognized as early as 2001 to address safety and enhance communities in Hyattsville and Mount Rainier
- MD 500 from MD 208 to MD 410 selected as phase one in 2008; currently under construction;
- Design initiated in 2013 for the section between Washington D.C. Line and MD 208

Project Location

- MD 500 from Washing D. C. Line to MD 208 (Hamilton Road)
- Total length: 1.2 miles



Project Objectives

- Improve Safety
- Improve Multi-modal Access – Pedestrian, Bicyclist, Transit, and Vehicle
- Improve Aesthetic to Neighboring Communities
- Minimize Adverse Impacts to Environment
- Cost-Effective

Scope Description

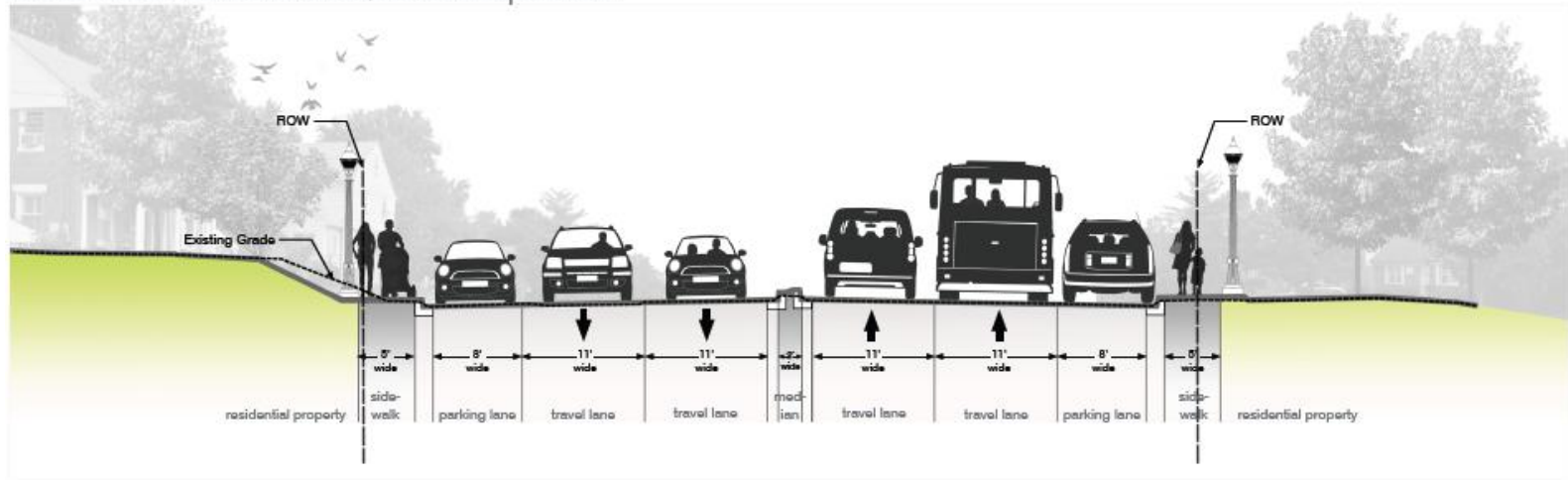
- Rehabilitate the roadway
- Landscaped median
- Redesign of Ager Road intersection
- Sidewalk construction and reconstruction
- Curb and gutter, driveway entrances, crosswalks, and pedestrian signals
- Bicycle-compatible lanes

Scope Description (cont'd)

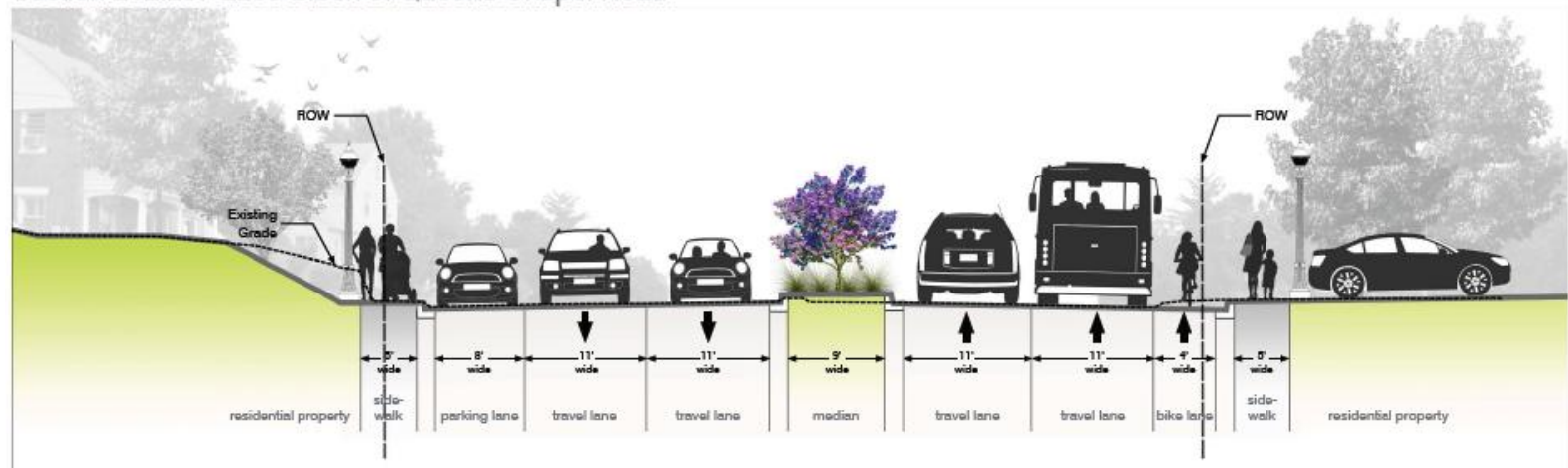
- Upgrade drainage system, and new storm water management facilities
- Traffic signals, signage, and pavement markings
- Street lighting
- Landscaping and aesthetics improvements
- Utility relocations as necessary

MD 500 - Concept Street Sections

Section 208: 2100 Block of Queens Chapel Road

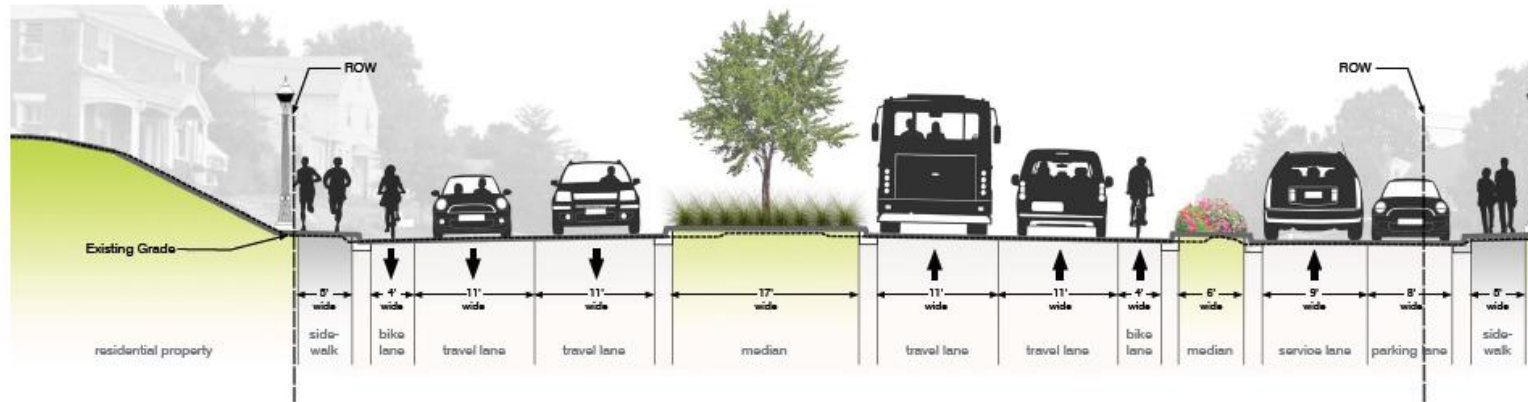


Section 212.25: 2200 Block of Queens Chapel Road

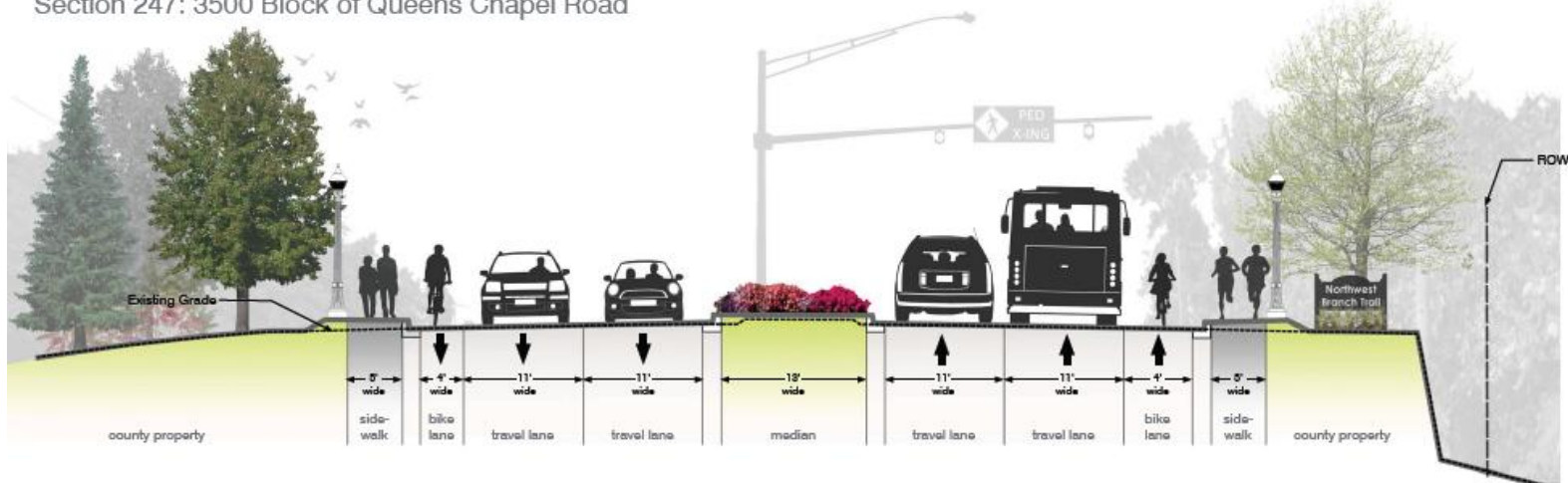


MD 500 - Concept Street Sections (cont'd)

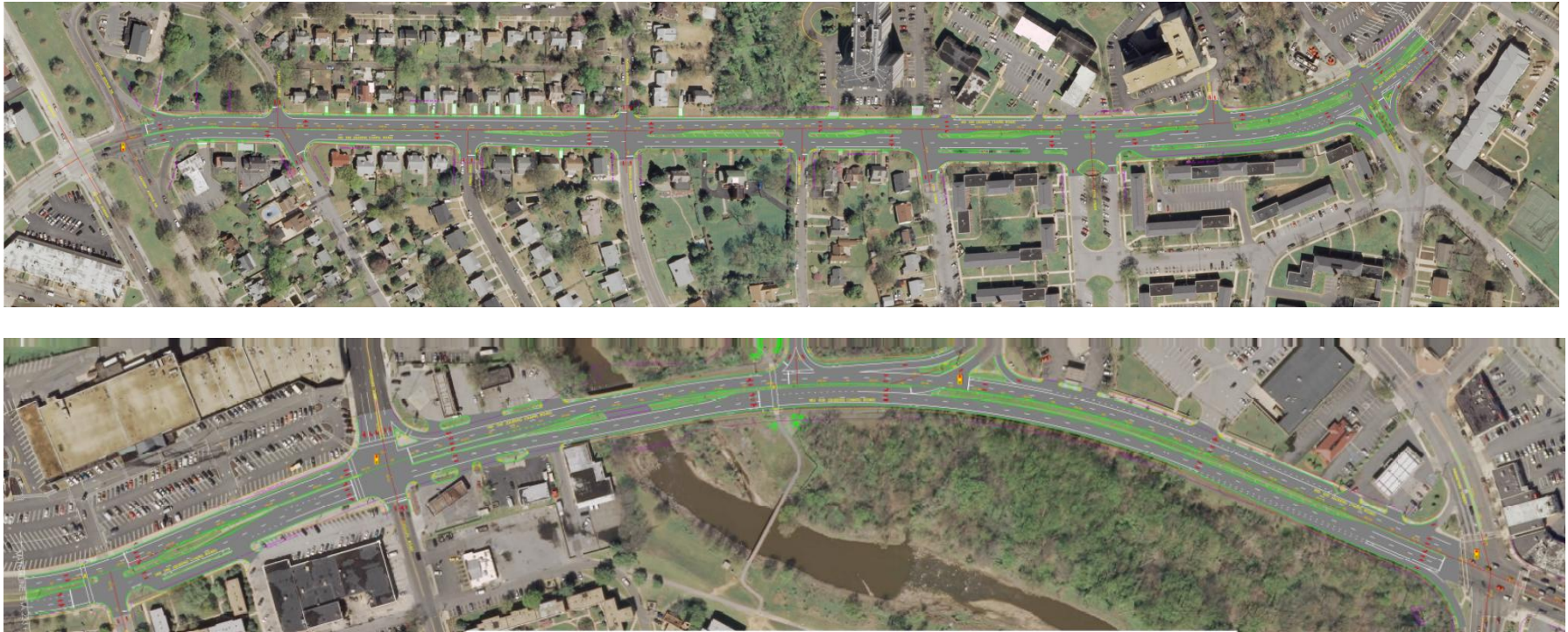
Section 228.50: 2700 Block of Queens Chapel Road



Section 247: 3500 Block of Queens Chapel Road



MD 500 - Plan View



Elements of Design

- Pedestrian
 - Street Lighting
 - Bicycle compatibility
 - Transit
 - Traffic
 - Drainage and SWM
 - Landscape
 - Utility Relocation
- Ager Road Intersection



Elements of Design

- Pedestrian Safety and Connectivity



- Sidewalk Connectivity
- ADA Compliant Sidewalk



- Sidewalk Ramps
- Driveway Entrance



Elements of Design

- Pedestrian Safety and Connectivity (cont'd)

- Proper Pedestrian Signage
- Pedestrian Signal
- High Visibility Crosswalks
- Entrance-way Consolidation (where feasible)
- Pedestrian Refuge



Elements of Design

- Street Lighting

- Pedestrian Lighting
- Separate intersection lighting project at Northwest Branch Trail Crossing



Elements of Design

- Bicycle Compatible Lanes

- Bike Lanes
- Signage and markings



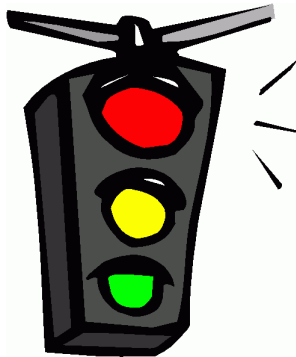
Elements of Design - Transit

- WMATA
- The BUS



Elements of Design – Traffic

- Signal timing
- Pedestrian Signal
- Signage
- Pavement Marking



Elements of Design – Drainage and SWM

- Raised Curb & Gutter
- Upgrade Drainage System
- Storm Water Management (SWM)
- Outfall improvement



Elements of Design – Landscape



- Landscaped median
- Roadside Landscaping

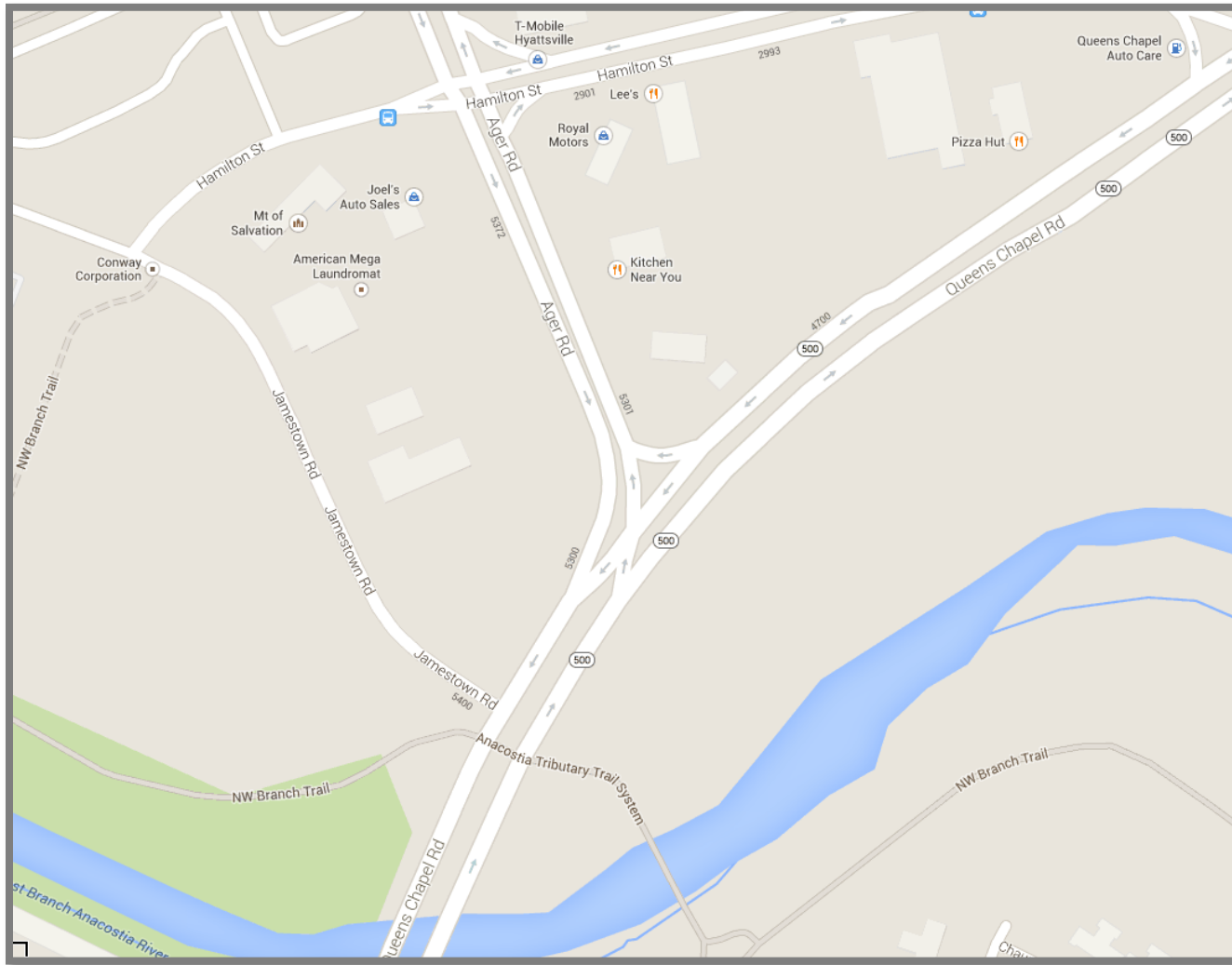


Elements of Design – Utility Relocation

- Utility poles in the narrow median



Elements of Design – Ager Road Intersection



Project Funding & Schedule

Funding

- Project is fully funded for Preliminary Engineering

Schedule

- Design Completion - Summer 2017
- Construction starts when funding is available



Questions?

